

KAWASAKI STEEL TECHNICAL REPORT

No.19 (November 1988)

Steel Pipe

Construction and Operation of Dry Type Dust-Removal Equipment
for Blast Furnace

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Synopsis :

Dry type dust-removal equipment was installed at Chiba No.6 blast furnace in September 1986, and has been smoothly operating since the start of its operation. The dust-removal equipment uses a bag filter, which is under stable, continuous operation through the use of a unique and highly accurate temperature control system of water spraying. As a result of installing the dry type dust-removal equipment, generating electrical power by the top pressure recovery turbine increased by 4.5 kWh/t (about 11%) and the running cost of the BF gas heater and others has been reduced.

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The body can be viewed from the next page.

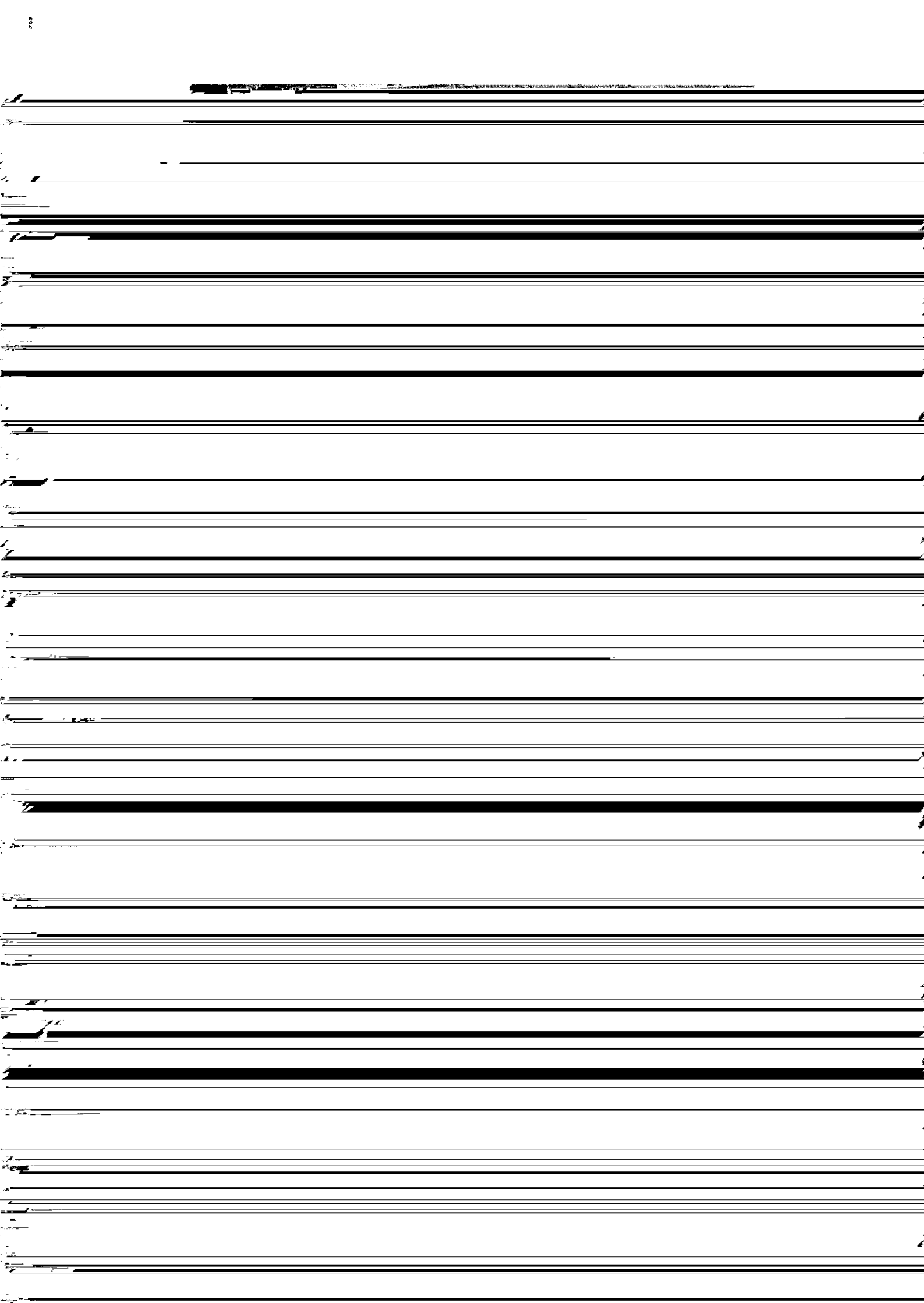
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with its use can be solved as follows:

charging device

(1) The best resistance characteristic of a

(2) The best resistance characteristic of a

Filter (306 mm ϕ \times 10 mL \times 108 pcs/chamber)

large-capacity, and high-accuracy temperature control type to protect the filter and prevent excess cooling

900-400-150

177

16

